

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	268/156.ccls	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 14:28
S2	0	(268/156.icls.).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/07/21 14:29
S3	0	268/156.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 14:29
S4	353	266/156.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 14:30
S5	27726	"266"/.clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 14:30
S6	248100	"266"/ recylcing.clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 14:31
S7	821	"gas quenching"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 14:32
S8	83	S7 and S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 14:32
S9	57	S8 and @py<="2003"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 14:33
S10	5	"gas recyling"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 14:35
S11	0	S10 and S9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 14:36
S12	174	"helium recylcing" or "helium recovery"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 14:37
S13	1	S12 and S8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 14:38

S14	0	chafotte.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 15:12
S15	0	chafotte .in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 15:12
S16	2698	blanchard .in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 15:12
S17	2	S16 and S7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/21 15:13
S18	1945483	gas recycling	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 08:35
S19	353	266/156.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 08:36
S20	214	S18 and S19	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 08:36
S21	822	"gas quenching"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 08:36
S22	4	S20 and S21	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 08:36
S23	0	"quenhcing or steel"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 08:40
S24	0	"quenching of steel"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 08:40
S25	64	"quenching cell"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 08:41
S26	11	S21 and S25	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 08:41
S27	0	S20 and S25	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 09:07
S28	0	S20 and S25	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 09:07
S29	0	helium adj recyclcl\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 09:08

S30	0	helium adj recycl\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 09:09
S31	90	helium (He)adj (recycl \$3 or recovery)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 09:09
S32	0	S31 and S21	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 09:10
S33	781670	Nitrogen or (Ni) adj recovery	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 09:10
S34	57	S33 and S20	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 09:11
S35	415	S33 and S21	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 09:17
S36	0	S35 and S31	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 09:18
S37	8	S35 and S25	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 09:19
S38	129	pelissier .in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 10:04
S39	6	S21 and S38	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 10:04
S40	24353	gas near (recover\$3 or recycl\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 10:06
S41	2	S40 and S38	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 10:06
S42	32067	gas near (Cooling or quenching)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 10:24
S43	2895	S40 and S42	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 10:25
S44	50	S43 and S19	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 10:26
S45	3271	steel near anneal\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 10:28

S46	5	S45 and S43	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/22 10:28
S47	12	steel same quenching same gas same recovery	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/23 08:18
S48	40	metal same quenching same gas same recovery	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/23 08:19
S49	0	"423067".pran.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/23 08:44
S50	0	(2004/0211296).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/07/23 08:45
S51	13	"423067"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/23 08:46
S52	1	"5158625".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/23 09:04
S53	1	"5938866".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/23 09:35
S54	21466	"266".clas.	US-PGPUB; USPAT	OR	OFF	2009/02/04 11:39
S55	42621	gas near2(separation recycle recycled purified purifying)	US-PGPUB; USPAT	OR	OFF	2009/02/04 11:40
S56	339	S54 and S55	US-PGPUB; USPAT	OR	OFF	2009/02/04 11:40
S57	44868	(quenching quenched quench cooling)near2 gas	US-PGPUB; USPAT	OR	ON	2009/02/04 11:41
S58	57993	S56 nad S57	US-PGPUB; USPAT	OR	ON	2009/02/04 11:41
S59	33556	(by-pass)	US-PGPUB; USPAT	OR	ON	2009/02/04 11:42
S60	163	S56 and S57	US-PGPUB; USPAT	OR	ON	2009/02/04 11:42
S61	13	S59 and S60	US-PGPUB; USPAT	OR	ON	2009/02/04 11:43
S62	1147	S59 and S57	US-PGPUB; USPAT	OR	ON	2009/02/04 11:44
S63	281	S62 and S55	US-PGPUB; USPAT	OR	ON	2009/02/04 11:45

S64	18	S56 and S59	US-PGPUB; USPAT	OR	OFF	2009/02/04 12:08
S65	6921	S55 and S57	US-PGPUB; USPAT	OR	ON	2009/02/04 12:16
S66	281	S59 and S65	US-PGPUB; USPAT	OR	ON	2009/02/04 12:16
S67	13	S54 and S66	US-PGPUB; USPAT	OR	ON	2009/02/04 12:16
S68	529692	gas near S55( recover recovery)	US-PGPUB; USPAT	OR	ON	2009/02/04 12:21
S69	31543	S55 and S68	US-PGPUB; USPAT	OR	ON	2009/02/04 12:21
S70	6008	S57 and S69	US-PGPUB; USPAT	OR	ON	2009/02/04 12:21
S71	255	S70 and S59	US-PGPUB; USPAT	OR	ON	2009/02/04 12:22
S72	312	266/156.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/04 12:29
S73	94	S57 and S72	US-PGPUB; USPAT	OR	ON	2009/02/04 12:29
S74	10	S59 and S73	US-PGPUB; USPAT	OR	ON	2009/02/04 12:29
S75	163	S65 and S60	US-PGPUB; USPAT	OR	ON	2009/02/04 12:40
S76	281	S65 and S59	US-PGPUB; USPAT	OR	ON	2009/02/04 12:40
S77	562147	helium or He	US-PGPUB; USPAT	OR	ON	2009/02/04 12:42
S78	52	S76 and S77	US-PGPUB; USPAT	OR	ON	2009/02/04 12:42
S79	42621	gas near2(separation recycle recycled purified purifying)	US-PGPUB; USPAT	OR	OFF	2009/02/04 14:26
S80	529692	gas near S79( recover recovery)	US-PGPUB; USPAT	OR	ON	2009/02/04 14:26
S81	529692	s57and S80	US-PGPUB; USPAT	OR	ON	2009/02/04 14:26
S82	22991	S81 and S79	USPAT	OR	OFF	2009/02/04 14:27
S83	27887	"266"/.clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/04 14:28
S84	242	S83 and S82	USPAT	OR	OFF	2009/02/04 14:28
S85	33556	(by-pass)	US-PGPUB; USPAT	OR	ON	2009/02/04 14:30

S86	15	S84 and S85	USPAT	OR	OFF	2009/02/04 14:30
S87	24858	gas same quench\$3	US-PGPUB; USPAT	OR	ON	2009/07/14 11:12
S88	51748	gas same recycl\$3	US-PGPUB; USPAT	OR	ON	2009/07/14 11:14
S89	4585	S87 and S88	US-PGPUB; USPAT	OR	ON	2009/07/14 11:14
S90	34259	"by-pass"	US-PGPUB; USPAT	OR	ON	2009/07/14 11:14
S91	164	S89 and S90	US-PGPUB; USPAT	OR	ON	2009/07/14 11:14

**7/ 14/ 2009 2:02:17 PM**

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